From: Sgraves@TechLawlnc.com Sent: 1/8/2012 10:35:29 PM

To: "Ralph Ludwig/ADA/USEPA/US@EPA" <Ludwig.Ralph@epamail.epa.gov>; "Richard

Rupert/R3/USEPA/US" < Rupert.Richard@epamail.epa.gov>

CC:

Subject: RE: additional comments

Thanks Dr. Ludwig. I'll pass this on to the sampling teams and if we have any questions regarding this I'll be sure to send you an e-mail. Thanks again for all your help in developing the sampling strategies.

Suddha Graves TechLaw, Inc.

----Original Message-----

From: Ralph Ludwig [mailto:Ludwig.Ralph@epamail.epa.gov]

Sent: Sunday, January 08, 2012 10:20 PM To: Richard Rupert; Graves, Suddha Subject: additional comments

Hi Rich/Suddha,

A couple of comments/reminders for your consideration based on our final look at your final SAP.

- 1. You'll need to include trip blanks in your coolers containing dissolved gas samples.
- 2. You should ideally collect equipment blanks once per day to (for example) account for potential contaminants associated with the high capacity 0.45 um filters you will presumably be using.
- 3. When collecting your filtered samples, you should allow 100 mLs of water to pass through the filters before you collect your sample

I'll be in Washington DC all of this week in meetings but will be checking my Blackberry on a regular basis. One of the things we will be discussing is coordination between your activities and ours in Dimock. I would suggest you plan to do the [a.s. Personal Privacy] and [a.s. pers

Best of luck in Dimock and hopefully the weather/temperatures will be somewhat cooperative for you.

Ralph

Ralph D. Ludwig, Ph.D.

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